

## Portland Climate Normals (1981-2010), Means and Extremes

Latitude: 45° 35' 27" N

Longitude: 122° 36' 01" W

Field Elevation: 19 feet MSL

Barometer: 223 feet MSL

Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
<b>MAX: Normal Daily</b>	<b>47.0</b>	<b>51.3</b>	<b>56.7</b>	<b>61.4</b>	<b>68.0</b>	<b>73.5</b>	<b>80.6</b>	<b>81.1</b>	<b>75.8</b>	<b>63.8</b>	<b>52.8</b>	<b>45.6</b>	<b>63.1</b>
Warmest Daily MAX <i>Year of Occurrence</i>	66 2005	71 1988	80 1947	90 1998	100 1983	102 2006	107 1965	107 1981	105 1988	92 1987	73 1975	65 1983	107 1981 <sup>1</sup>
Coldest Daily MAX <i>Year of Occurrence</i>	16 1950	15 1989	29 1960	42 1963	49 1964	53 1964	60 1980	58 1956	52 1948	43 1991	25 1985	14 1968	14 1968
<b>MIN: Normal Daily</b>	<b>35.8</b>	<b>36.3</b>	<b>39.6</b>	<b>43.1</b>	<b>48.6</b>	<b>53.6</b>	<b>57.8</b>	<b>58.0</b>	<b>53.1</b>	<b>46.0</b>	<b>40.5</b>	<b>35.2</b>	<b>45.6</b>
Coldest Daily MIN <i>Year of Occurrence</i>	-2 1950	-3 1989	19 1955	29 1954	29 1966	39 1955	43 1980	44 1965	34 1971	26 1985	13 1964	6 1964	-3 1950
Warmest Daily MIN <i>Year of Occurrence</i>	55 2011	54 1972	58 2007	57 1998	62 2008	68 1948	74 2009	68 2008	64 2009	63 2003	63 2006	60 1980	74 2009
<b>MEAN: Normal Daily</b>	<b>41.4</b>	<b>43.8</b>	<b>48.2</b>	<b>52.3</b>	<b>58.3</b>	<b>63.6</b>	<b>69.2</b>	<b>69.5</b>	<b>64.5</b>	<b>54.9</b>	<b>46.6</b>	<b>40.4</b>	<b>54.4</b>
<b>Normal Number of Days with Temperature of :</b>													
Maximum ≥ 90°	0	0	0	0	< 1	1	4	4	2	< 1	0	0	12
Maximum ≥ 80°	0	0	0	1	4	7	16	17	10	1	0	0	54
Maximum ≤ 32°	1	< 1	0	0	0	0	0	0	0	0	< 1	1	2
Minimum ≤ 32°	8	7	2	1	0	0	0	0	0	< 1	3	9	30
<b>Normal Heating Deg. Days</b>	732	594	522	383	224	91	17	10	76	315	551	763	4278
<b>Normal Cooling Deg. Days</b>	0	0	0	1	16	47	147	152	59	2	0	0	424
<b>Normal Relative Humidity (%)</b>													
at 4 am	85	85	86	86	85	83	81	82	86	90	88	86	85 %
at 10 am	82	80	76	70	67	64	62	64	67	77	83	83	73 %
at 4 pm	74	66	60	56	53	50	45	43	47	59	74	77	59 %
At 10 pm	83	80	78	75	73	70	67	68	73	82	84	84	76 %
<b>% Possible Sunlight Rcvd</b>	28	38	48	52	57	56	69	66	62	44	28	23	48
<b>Average Number of Days with:</b>													
Heavy Fog (vis ≤ ¼ mi)	4.8	3.8	2.1	0.9	0.2	0.1	0	0.1	1.4	5.8	5.6	4.3	29.1
Thunderstorms	0	0.1	0.5	1.0	1.4	0.8	0.8	0.8	0.7	0.4	0.3	0	6.8
<b>Average Days that are:</b>													
Clear	2.9	2.9	3.3	3.5	5.0	6.2	12.6	11.4	10.3	5.4	2.8	2.1	68.4
Partly Cloudy	3.6	3.8	4.9	5.8	7.2	7.7	8.5	9.6	8.1	7.6	4.3	3.3	74.4
Cloudy	24.4	21.5	22.8	20.7	18.9	16.1	9.9	10.1	11.6	18.0	22.9	25.5	222.4
<b>Avg Daylight Sky Cover<sup>2</sup></b>	6.7	6.6	6.4	6.2	5.8	5.4	3.8	4.0	4.3	5.6	6.4	6.8	5.7
<b>Avg Wind Speed (mph)</b>	<b>9.3</b>	<b>8.7</b>	<b>7.7</b>	<b>7.1</b>	<b>6.7</b>	<b>7.0</b>	<b>7.2</b>	<b>6.8</b>	<b>6.2</b>	<b>6.3</b>	<b>8.0</b>	<b>9.3</b>	<b>7.5</b>
<b>Dominant Direction</b>													
SE	SE	SE	NW	NW	NW	NW	NW	NW	SE	SE	SE	SE	NW
Highest Sustained Wind <i>Direction of Sustained Year of Occurrence</i>	54 1951	61 1958	57 1963	60 1957	42 1960	40 1958	33 1983	29 1961	61 1963	88 1962	56 1961	57 1951	88 1962
Strongest Wind Gust <i>Direction of Gust Year of Occurrence</i>	70 1951	76 1955	71 1971	69 1957	51 1956	55 1958	43 2009	39 1953	66 1963	104 1962	71 1981	74 1995	104 1962
<b>Normal Precipitation (in)</b>	<b>4.88</b>	<b>3.66</b>	<b>3.68</b>	<b>2.73</b>	<b>2.47</b>	<b>1.70</b>	<b>0.65</b>	<b>0.67</b>	<b>1.47</b>	<b>3.00</b>	<b>5.63</b>	<b>5.49</b>	<b>36.03</b>
Monthly Maximum <i>Year of Occurrence</i>	12.83 1953	10.03 1996	7.89 2012	5.26 1993	5.55 1998	4.27 2010	2.68 1983	4.53 1968	4.30 1986	8.41 1994	11.92 2006	13.35 1996	63.20 1996
Monthly Minimum <i>Year of Occurrence</i>	0.06 1985	0.72 1993	1.10 1965	0.53 1956	0.10 1992	0.03 1951	0.00 1967	Trace 1998	Trace 1993	0.19 1988	0.77 1976	1.38 1976	22.48 1985
Max Rain in 24 hours <i>Year of Occurrence</i>	3.13 2009	2.46 1994	1.83 1943	1.47 1962	1.47 1968	1.82 1958	1.09 1978	1.54 1977	2.38 1982	4.44 1994	4.10 1996	2.59 1977	4.44 1994
<b>Norm. Days w/≥ 0.01 rain</b>	18	15	18	16	14	9	4	4	7	13	19	19	155
<b>Norm. Days w/≥ 1" rain</b>	0.5	0.4	0.2	0.1	0.1	0.2	0	0.1	0.2	0.3	0.8	0.9	3.8
<b>Normal Snowfall (in)</b>	<b>0.5</b>	<b>2.1</b>	<b>0.2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.2</b>	<b>1.3</b>	<b>4.3</b>

<sup>1</sup>Most recent occurrence listed.<sup>2</sup>Sky Cover in OKTAs, or eighths of sky cover.